

<b>Search Notes</b> 	<b>Application/Control No.</b>	<b>Applicant(s)/Patent under Reexamination</b>
	09/964,335	TSUKISHIMA ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	Tamara L. Graysay	3623

**SEARCHED**

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
reviewed 09JUNE2005 PLUS search	10/13/2005	TG
DIALOG search - printout attached	10/15/2005	TG
EAST search - printout attached	10/15/2005	TG
ESP@CENET search - printout attached	10/15/2005	TG

<b>Search Notes (continued)</b>  <b>DIALOG Search Strategy</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/964,335 <b>Examiner</b> Tamara L. Graysay	TSUKISHIMA ET AL. <b>Art Unit</b> 3623	2 of 4
<b>DATABASE(S):</b> Full Text <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 9: Business &amp; Industry</li> <li><input checked="" type="checkbox"/> 15: ABI/INFORM</li> <li><input checked="" type="checkbox"/> 16, 160: PROMT, Gale</li> <li><input checked="" type="checkbox"/> 20: Global Reporter, Gale</li> <li><input checked="" type="checkbox"/> 148: Trade &amp; Industry Database, Gale</li> <li><input checked="" type="checkbox"/> 275: Computer Database, Gale</li> <li><input checked="" type="checkbox"/> 476: Financial Times</li> <li><input checked="" type="checkbox"/> 610,810: Business Wire</li> <li><input checked="" type="checkbox"/> 613,813: PR Newswire</li> <li><input checked="" type="checkbox"/> 621: New Product Announcements/Plus, Gale</li> <li><input checked="" type="checkbox"/> 624: McGraw-Hill Companies Pubs Online</li> <li><input checked="" type="checkbox"/> 634: San Jose Mercury News</li> <li><input checked="" type="checkbox"/> 636: Newsletter Database, Gale Group</li> <li><input checked="" type="checkbox"/> 256: Softbase: Reviews, Companies, Products</li> </ul> NonFull Text <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 2: INSPEC</li> <li><input checked="" type="checkbox"/> 6: NTIS-Natl' Technical Information Service</li> <li><input checked="" type="checkbox"/> 7: Social SciSearch</li> <li><input checked="" type="checkbox"/> 8: Ei Compendex</li> <li><input checked="" type="checkbox"/> 34, 434: SciSearch</li> <li><input checked="" type="checkbox"/> 35: Dissertation Abstracts Online</li> <li><input checked="" type="checkbox"/> 65: Inside Conferences</li> <li><input checked="" type="checkbox"/> 94: JICST-Eplus – Japanese Science &amp; Tech</li> <li><input checked="" type="checkbox"/> 99: Wilson Applied Science &amp; Tech Abstracts</li> <li><input checked="" type="checkbox"/> 474: New York Times Abstracts</li> <li><input checked="" type="checkbox"/> 475: Wall Street Journal Abstracts</li> <li><input checked="" type="checkbox"/> 583: Globalbase, Gale Group</li> </ul>			

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Set	Items	Description
S1	71794	LINEAR () PROGRAM????
S2	1203496	BUSINESS (7N) (OPERATION?? OR FUNCTION??)
S3	5833391	RISK
S4	9814154	INVESTMENT
S5	11792413	COST
S6	19423373	COST OR INVESTMENT
S7	6213610	DECISION
S8	175047	MANAGEMENT()REFORM? ? OR REENGINEERING OR RE()ENGINEERING OR QUALITY()INITIATIVE?
S9	3754345	OPTIMI?E? ? OR OPTIMI?ATION OR OPTIMI?ING OR OPTIMAL OR OPTIMUM
S10	14313133	MANUFACTURE? ? OR MANUFACTURING
S11	33819620	STRATEG??? OR PLAN??? OR INITIATIVE? ?
S12	15644600	PROBLEM? ? OR CHALLENGE? ?
S13	18	S1 AND S2(4N)S7
S14	93	S1 AND S2 AND S3 AND (S4 OR S5 OR S6)
S15	82	RD (unique items)
S16	63	S15 NOT PY>2001
S17	1609976	16 AND S10
S18	43	S16 AND S10
S19	40	S18 AND S12
S20	40	RD (unique items)
S21	33	S1 AND S2 AND S8 AND S9
S22	26	RD (unique items)
S23	20	S22 AND S10
S24	25	S22 AND S11
S25	26	S22 AND S12
S26	26	S23 OR S24 OR S25
S27	0	S26 NOT S25
S28	244	S1 AND S2 AND S9 AND S11 AND S12
S29	191	S28 AND S7
S30	0	S29 AND ASSIST (5N)(HUMAN? ? OR PERSON? ?)
S31	75	S29 AND (ASSIST OR ASSISTS OR ASSISTANCE OR ASSISTED OR ASSISTING)
S32	34	S31 AND HUMAN
S33	30	RD (unique items)
S34	23	S33 NOT (S13 OR S26)
S35	18	S34 NOT PY>2001

# EAST Search Strategy

3 of 4

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1407	linear adj programming	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/15 18:20
L2	248	L1 and business	USPAT; USOCR	OR	OFF	2005/10/15 18:20
L3	209	L2 and problem	USPAT; USOCR	OR	OFF	2005/10/15 18:20
L4	20	L1 and business	EPO; JPO; DERWENT	OR	OFF	2005/10/15 18:20
L5	0	L4 and risk	USPAT; USOCR	OR	OFF	2005/10/15 18:20
L6	56	L3 and risk	USPAT; USOCR	OR	OFF	2005/10/15 18:32
L7	158	L3 and (investment or cost)	USPAT; USOCR	OR	OFF	2005/10/15 18:32
L8	108	L7 not L6	USPAT; USOCR	OR	OFF	2005/10/15 18:33
L9	59	L8 and (index or vector)	USPAT; USOCR	OR	OFF	2005/10/15 18:33
S1	1407	linear adj programming	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/15 15:34
S2	268	S1 and business	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/15 18:20
S3	20	S1 and business	EPO; JPO; DERWENT	OR	OFF	2005/10/15 15:34

<b>Search Notes (continued)</b> <input type="checkbox"/> <b>ESP@CENET Search Strategy</b>	Application No.	Applicant(s)
	09/964,335	TSUKISHIMA ET AL.
	Examiner Tamara L. Graysay	Art Unit 3623

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Worldwide (all three)  
 Patent Abstracts of Japan  
 EP - esp@cenet  
 WIPO - esp@cenet

10 results found in the Worldwide database for: tsukishima AND takahiro (applicant or inventor)

23 results found in the Worldwide database for: shimizu and tateo (applicant or inventor)

0 results found in the Worldwide database for: G06F17/60 as the ECLA classification AND linear and program in the title or abstract

Approximately 1772 results found in the Worldwide database for: linear and program in the title or abstract

8 results found in the Worldwide database for: linear and program and business in the title or abstract

Approximately 559 results found in the Worldwide database for: linear and program and problem in the title or abstract

9 results found in the Worldwide database for: linear and program and problem and index in the title or abstract

27 results found in the Worldwide database for: linear and program and problem and vector in the title or abstract